Modernization of Hydel Power Projects

†3433. SHRI RAM JETHMALANI:
DR. MURLI MANOHAR JOSHI:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that 60 projects have been identified in Hydel Power sector in the country which require to be revamped and modernized;

(b) if so, the facts in this regard and the actual number of such projects;

(c) the benefit likely to be accured from these projects as compared to present generation, after completion of their revamping and modernizing process; and

(d) the details of total amount to be spent on the same?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) and (b) The Central Electricity Authority (CEA) had initially identified 60 hydro projects/schemes for Renovation & Modernization (R&M) during the XIth Plan. However, since 8 schemes programmed for completion during 2006-07 could not be completed by 31.3.2007, the total number of R&M schemes now tentatively programmed for XIth Plan is 68.

(c) Completion of R&M of these 68 schemes, having an aggregate installed capacity of about 12,288 MW, is expected to yield a benefit of about 4,377 MW.

(d) The estimated cost of the R&M of these schemes is about Rs. 3,614 crores.

High rates of power tariffs

†3434. SHRI RAVI SHANKAR PRASAD:
SHRI RAJ MOHINDER SINGH MAJITHA:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the power tariffs for industry and trade and power tariffs for domestic usage in India is higher in comparision to countries such as USA, Japan, China, France and England;

†Original notice of the question was received in Hindi.

(b) if so, the facts in this regard and power tariffs for the domestic consumers and industrial/commercial units using 500 units power/month in India and all the countries mentioned above; and

(c) the reasons for such difference in rates in these countries and India?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) to (c) As per the statistics published by the International Energy Agency, in the year 2006, the retail prices of electricity for industrial and household consumers in USA, Japan, China (Taipei), France and United Kingdom (UK) were as under:

Sl. No.	Name of the Country	Industrial Price in US $/kWh	Consumers Price in Rs. /kWh*	Household Consumers Price in US $/kWh	Price in Rs./ kWh*
1	USA	0.0549	2.25	0.0961	3.94
2	Japan	0.1272	5.21	0.1963	8.05
3	China(Taipei)	0.0512	2.10	0.0690	2.83
4	France	0.0483	1.98	0.1365	5.59
5	UK	0.1003	4.11	0.1580	6.47

*Above conversion for comparison purposes has been done using an exchange rate of 1 US$=Rs. 41.00

As against above, in the year 2006 the prices of electricity for domestic consumers of 400 kWh per month in India in various states were in the range of Rs. 1.14 to Rs. 5.16 and that for various classes of industrial consumers in India in various states were in the range of Rs. 1.57 to Rs. 8.04.

The cost of power to a consumer includes the overall bulk power purchase cost as well as transmission cost and the operational and financial performance of the Distribution Companies (DISCOMs), that is, Aggregate Technical and Commercial (AT&C) losses, operational expenses, capital investment for system upgradation/augmentation, consumer profile, subsidy and cross subsidy, etc.